

ALABAMA DEPARTMENT OF TRANSPORTATION
PROCEDURE FOR EVALUATION AND MAINTENANCE OF

LIST II-10

PRODUCTS FOR WATERPROOFING CONCRETE

1. **Material:** Membranes for waterproofing joints and cracks in the pavement, before overlaying with asphalt. Products for waterproofing concrete structures such as retaining walls.
2. **Specification:** Subarticle 454.02(e) for sealing joints and cracks in concrete pavement. Item 515.01(b)4. for waterproofing concrete structures.
3. **Jurisdiction:** Product Evaluation Board, Chemical Laboratory
4. **Job Acceptance Requirements:** No Job Control samples required if material works satisfactorily.
5. **Project Engineer's Responsibility:** Check and assure that the materials are on the approved list.
6. **Producer's Initial Requirements:**
 - 6.1 Name and address of the company producing the product
 - 6.2 A certified test report showing actual test results for all requirements in the specifications.
 - 6.3 A sample of one square meter of the material to be evaluated.
 - 6.4 A standard material safety data sheet for the product
 - 6.5 Submittal and testing fees according to Department procedure BMTP-355.
7. **Producer's Maintenance Requirements:**
 - 7.1 Produce the same quality of material as the material supplied for the original evaluation.
 - 7.2 Provide only approved products to Department projects.
 - 7.3 Promptly report to the Department any changes in company name, product name, company address or company ownership.
- 7.4 Notify the Department of any changes in production of the product. Any alteration that will change the product chemically or physically will require a reevaluation of the product.
8. **Laboratory Testing:** The Department may make selected verification tests of the product to assure compliance with the Department's Specifications.
9. **Field Testing:** Products meeting the requirements of Subarticle 454.02(e) may be used in waterproofing structures (Item 515.01(b)4.). If products are made to other specifications, but still serve as waterproofing materials, they will be required to undergo a field demonstration to prove their acceptability. The field evaluation will be conducted for a six month period. This test may be waived if the manufacturer has test data from other states showing the product's reliability.
10. **Contractors' Requirements:** The prime contractor will be responsible for purchasing and using only approved products.
11. **Removal of Products:** Products may be removed from this list for any of the following:
 - 11.1 Mislabeling products or substitution of products other than those originally submitted.
 - 11.2 Failure to meet the Department's requirements for this type of material.
 - 11.3 Failure to work satisfactorily on the job.
12. **Correspondence:** All correspondence concerning this list should be directed to the following:

Product Evaluation Board
Alabama Department of Transportation
3704 Fairground Road
Montgomery, AL 36110